



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H141146

Mode: Highway

Status: Submitted

NC-179 BUS (Beach Dr)

From/Cross Street: SR 1184 (Ocean Isle Beach Road SW) **Specific Improvement Type:** 1 - Widen Existing Roadway SW)

To: NC 904 (Seaside Road)

Project Category: Regional Impact

Length: 2.72

TIP#:

Fully Funded in Draft STIP? No

Cost to NCDOT: \$34,384,000

Description:

Widen NC 179 BUS to a multi-lane facility with multipurpose path from Ocean Isle Beach Road SW (SR 1184) to the NC 904 (Seaside Road).

Division(s): Division 3

County(s): BRUNSWICK

MPOS(s)/RPO(s): Grand Strand Transportation Study Area

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 24.98

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (25%) 38.12	Percent: 15%	Percent: 15%
Multimodal + [Freight & Military] (25%) 1.81	Points: 0	Points: 100
[Travel Time] Benefit/Cost (20%) 0.00		
Totals: Weight: 70% Weighted Score: 9.98		

Division Needs Total Score: 19.25

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 57.20	Percent: 25%	Percent: 25%
Safety (20%) 38.12	Points: 0	Points: 0
Multimodal + [Freight & Military] (10%) 1.81		
Totals: Weight: 50% Weighted Score: 19.25		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	55
Length (miles):	2.72
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Major Collector
Terrain Type:	Level
Lane Width:	12
Paved Shoulder Width:	2
Roadway has Curb & Gutter?	No
Volume (AADT):	13627.05
Capacity:	15800.03
Volume/Capacity Ratio:	0.86
% Autos:	97%
% Trucks:	3%
Truck Volume:	362.66
Crash Density:	56.07
Crash Severity:	32.96
Critical Crash Rate:	25.35
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	3
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	20
Existing Median Type (for Cost Estimation):	TWLT
Pavement Condition Rating:	61
Actual Congested Speed:	0
Travel Time Index:	

Project Benefits

Project Cross-Section:	4G - 4 Lane Divided (17'-6" Raised Median) with Curb & Gutter, Wide Outside Lanes, Bike Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	2.72
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Major Collector
Terrain Type:	Level
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	-906548.25
Travel Time Savings for 30 Years (Autos):	-882422.23
Travel Time Savings for 30 Years (Trucks):	-24126.02
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	GSATS 2035 Long Range Transportation Plan (LRTP) – Appendix H "North Carolina"
CTP/LRTP Completion Year:	2014
Submitted by:	Grand Strand Transportation Study Area

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 3	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Grand Strand Transportation Study Area	100%	100	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		100	0

Project Cost and Source

Construction Cost:	\$17,510,000	Cost Estimation Tool
Right-of-Way Cost:	\$15,066,000	Cost Estimation Tool
Utilities Cost:	\$1,808,000	Cost Estimation Tool
Total Project Cost:	\$34,384,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$34,384,000	